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What Is Claimed Is:

1. A clutchless compressor comprising:
a pulley actuated by an engine;
5 a connector member fixed to an inner periphery of the pulley and having a number of break portions formed along the circumferential direction thereof; and
a disk plate mounted on the connector member to be coupled with the connector member while being connected with a rotational shaft of the compressor.
- 10 2. The clutchless compressor according to claim 1, wherein the connector member includes: an insert portion fit into the inner periphery of the pulley and a coupling portion coupled with the disk plate and wherein the break portions connect the insert portion with the coupling portion.
- 15 3. The clutchless compressor according to claim 1, wherein the coupling portion has a number of projections projected radially from peripheral portions thereof, and the disk plate has coupling recesses formed in a face opposite to the pulley to correspond the projections, whereby the projections are inserted into the coupling recesses to connect the disk plate with the connector member.
- 20 4. The clutchless compressor according to claim 3, wherein a number of dampers are interposed between the projections and the coupling recesses.
- 25 5. The clutchless compressor according to claim 1, wherein the connector member includes: an insert portion fit into an inner periphery of the pulley; a flange connected with the insert portion and seated on a front portion of the pulley; and a coupling portion coupled with the disk plate, and wherein the break portions connect the flange with the coupling portion.
- 30 6. The clutchless compressor according to claim 5, wherein a number of

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connecting slots are formed along the circumferential direction on a face of a coupling portion opposite to the disk plate, and wherein the disk plate has connecting projections formed in a face thereof opposite to the pulley to correspond to the connecting slots.

- 5 7. The clutchless compressor according to claim 6, wherein a number of dampers are interposed between the connecting slots and the connecting projections.